

ABSTRACT OF THE DISCLOSURE

An Internet based software program employs geographic or appropriate zip code information, together with data with respect to type of structure, e.g., commercial, institutional, or residential. A user executes a questionnaire consisting of parameters of a roof to be replaced or repaired and, integrally therewith, accesses decision support databases for each question of such questionnaire, in which the support databases also provide access to a library of reference details and diagrams to illustrate to the user the physical appearance of the various options expressed in the decision support databases for respective questions of the questionnaire. The questionnaire is, additionally, provided with a variety of prompts, hints, warnings and system suggestions to aid the user in navigation through the questionnaire and its databases. The system then generates a project specification, compliant with local, state, and federal building codes, this inclusive of priority rules, thus producing an operational roofing specification inclusive of instructions to bidders, general legal conditions, general property protections, environmental requirements, application and permit procedure, insurance and licensing requirements, unit pricing, metal/flashing section, sealant section, and bid form.